Algo 8300

Provisioning Server and Device Management Guide

Need Help?

(604) 454-3792 or support@algosolutions.com

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Introduction

This guide aims to describe the steps required to configure the 8300 Controller as a HTTP or HTTPS provisioning server. Besides being capable of monitoring and supervising hundreds of Algo IP Endpoints (see the user guide for more details), the 8300 may be used as a provisioning server for mass deployments and firmware upgrades. Furthermore, it is possible to send API requests to one or multiple monitored devices, to perform different actions.

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Adding Devices to the Dashboard

The Dashboard is where users can check the status of monitored endpoints, as well as send Device Actions to update settings, reboot monitored devices, etc.

- Browse to the 8300 web interface, log in, navigate to Dashboard -> Locator tab.
- Add the Algo endpoints to be monitored by navigating to the Locator subtab.
- The locator will find all Algo IP endpoints in the network. Alternatively, add them manually.

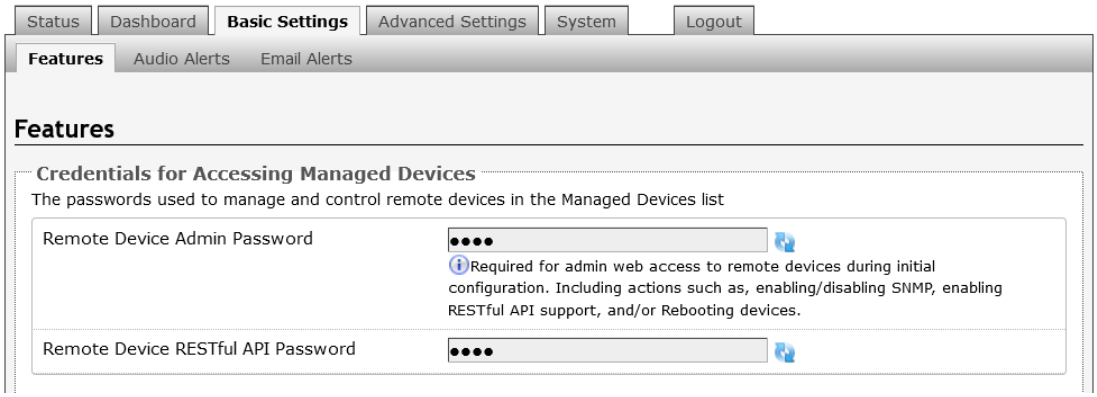
* Note 1: The locator is not able to find endpoints in different subnets or VLANs, even if routing is in place. These must be added manually.

* Note 2: The following Algo first generation IP endpoints may not be visible through the 8300 locator: 8180 SIP Audio Alerter (G1), 8128 SIP Strobe Light (G1), 8028 SIP Doorphone (G1), 8061 IP Relay Controller. These may be added manually.

Configure RESTful API

Enable RESTful API for the 8300 to send API commands to the monitored devices.

- In Basic Settings -> Features tab
- Set the Remote Device Admin Password and RESTful API password (default is ***algo***).
- Save the changes.



Change tabs to Dashboard-> Devices, and use the Device Actions dropdown box to:

- Enable SNMP (not required but recommended)
- Enable REST

*Note: Wait for remote device(s) to reboot after each of the above steps. The reboot process takes about 60 seconds.

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Configure Provisioning

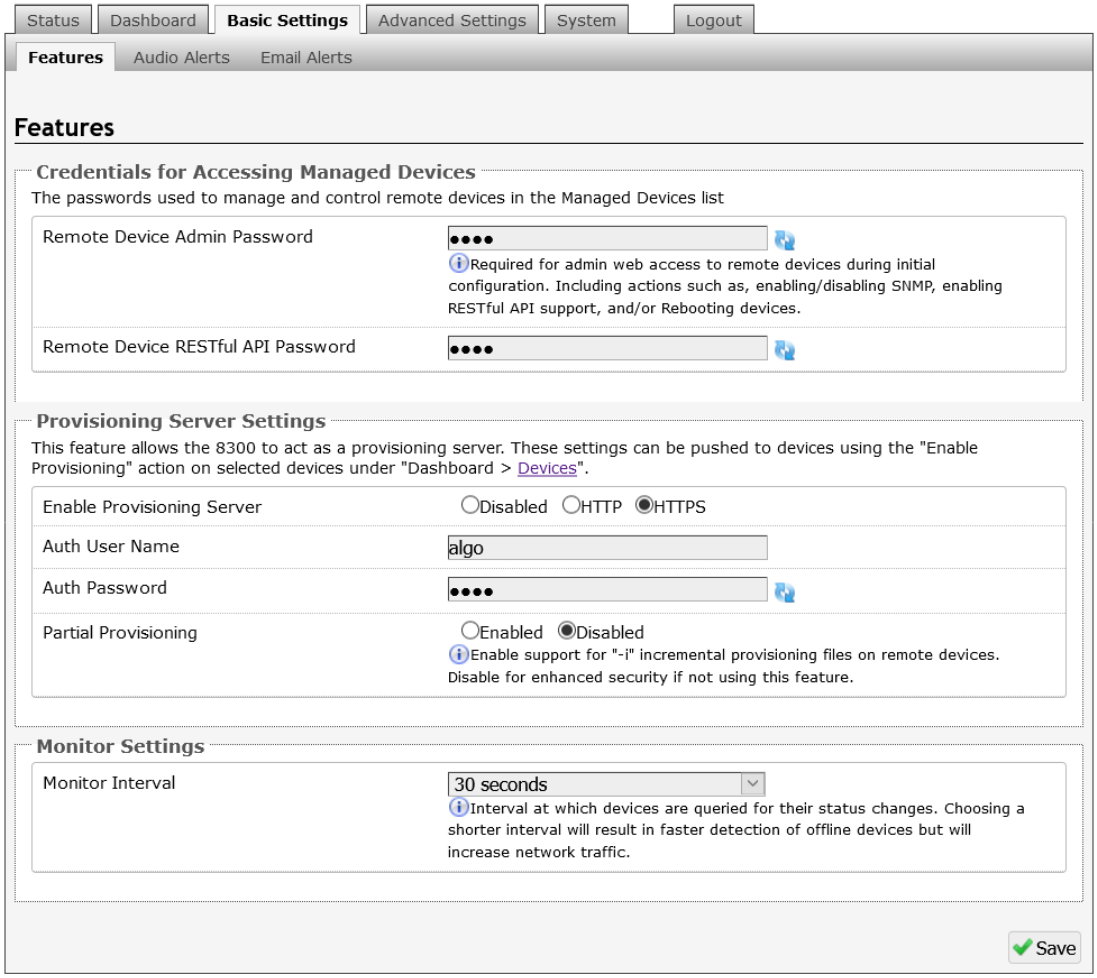
All Algo IP devices support provisioning, which is detailed on the Algo Provisioning webpage. The 8300 can act as a HTTP or HTTPS provisioning server, to host firmware files, configuration files, tone files (WAV or MP3), and certificates for mutual authentication. This is a simple and effective method to configure multiple endpoints.

Login to the 8300 web interface and navigate to Basic Settings -> Features tab.

1. Enable Provisioning by selecting **HTTP** or **HTTPS** mode
2. Set the provisioning server **Username** and **Password**

Optional: Partial Provisioning may be configured, see the Algo Provisioning Guide for details.

*Note: 1GB of storage is available on the 8300. Firmware files may be as large as 100MB. Make sure to manage available storage and delete old files as required.



3. Navigate to Dashboard-> Devices use Device Actions to **Enable Provisioning**

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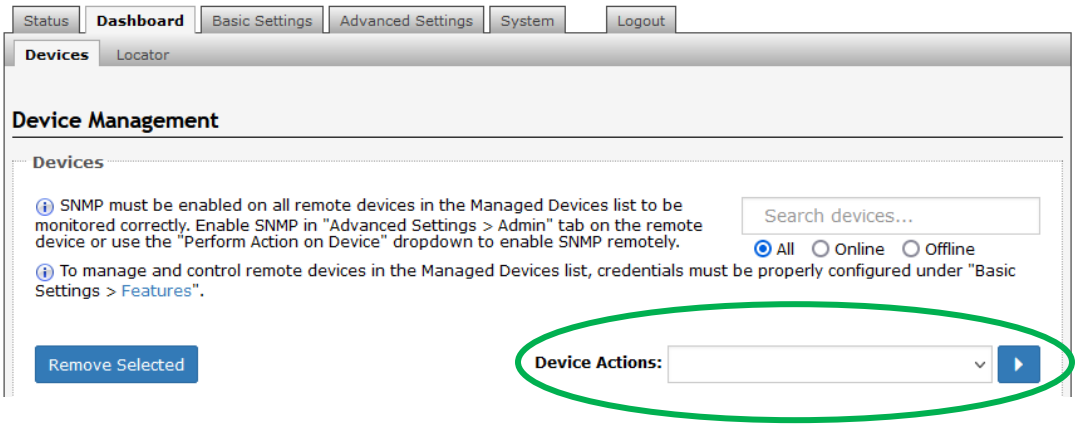
To add or delete files (e.g., configuration, firmware files) go to System -> File Manager -> "prov" folder (this folder is only visible if provisioning is enabled). All file names must be formatted as described in the Algo Provisioning Guide.

Once the configuration file has been added to the “prov” folder, the endpoint can be rebooted. If the steps above have been completed the endpoint will load the configuration file from the 8300. To confirm this, navigate to the Status page of the endpoint and check the “Provisioning Status”. This should be listed as *Successful*. If it shows as *None Found* then please check that all previous steps have been completed or contact Algo Support.

Device Actions Options

From the main dashboard (Dashboard -> Devices tab), there are several **Device Actions** that can be selected and pushed to one or multiple device(s). See below.



- Reboot Selected
- Enable SNMP on Selected
- Disable SNMP on Selected
- Enable REST on Selected
- Update Group on Selected
- Enable REST on Selected
- Push Single Config to Selected
- Enable Provisioning
- Back up Config

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